EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7929	granules and neutral core	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:37
L2	11	granules adj5 (plant with substance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:33
L3	29925	plant with substance	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:34
L4	3	(granules and neutral core) with (plant with substance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:35
L5	196	l1 and l3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:36
L6	98	l5 and polyvinylpyrrolidone	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:36
L7	922205	sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:37

L8	98	I6 and I7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:37
L9	98	(granules and neutral core) and (plant with substance) and polyvinylpyrrolidone and (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:38
L10	77	(granules and neutral core) and (plant with substance) and polyvinylpyrrolidone with (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:39
L11	0	(granules and neutral core) with (plant with substance) with polyvinylpyrrolidone with (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:39
L12	2	(granules and neutral core) with (plant with substance) and polyvinylpyrrolidone with (sugar or starch or mannitol or sorbitol or xylitol or cellulose or talc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/21 11:39

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                    has been enhanced and reloaded
NEWS  4   OCT 30    CHEMLIST enhanced with new search and display field
NEWS  5   NOV 03    JAPIO enhanced with IPC 8 features and functionality
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NEWS  8   NOV 20    CA/CAplus to MARPAT accession number crossover limit increased
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NEWS  9   DEC 01    CAS REGISTRY updated with new ambiguity codes
NEWS 10   DEC 11    CAS REGISTRY chemical nomenclature enhanced
NEWS 11   DEC 14    WPIDS/WPINDEX/WPIX manual codes updated
NEWS 12   DEC 14    GBFULL and FRFULL enhanced with IPC 8 features and
                    functionality
NEWS 13   DEC 18    CA/CAplus pre-1967 chemical substance index entries enhanced
                    with preparation role
NEWS 14   DEC 18    CA/CAplus patent kind codes updated
NEWS 15   DEC 18    MARPAT to CA/CAplus accession number crossover limit increased
                    to 50,000
NEWS 16   DEC 18    MEDLINE updated in preparation for 2007 reload
NEWS 17   DEC 27    CA/CAplus enhanced with more pre-1907 records
NEWS 18   JAN 08    CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 19   JAN 16    CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 20   JAN 16    IPC version 2007.01 thesaurus available on STN
NEWS 21   JAN 16    WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 22   JAN 22    CA/CAplus updated with revised CAS roles
NEWS 23   JAN 22    CA/CAplus enhanced with patent applications from India
NEWS 24   JAN 29    PHAR reloaded with new search and display fields
NEWS 25   JAN 29    CAS Registry Number crossover limit increased to 300,000 in
                    multiple databases
NEWS 26   FEB 13    CASREACT coverage to be extended
NEWS 27   Feb 15    PATDPASPC enhanced with Drug Approval numbers
NEWS 28   Feb 15    RUSSIAPAT enhanced with pre-1994 records

NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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FILE 'SCISEARCH' ENTERED AT 11:43:03 ON 21 FEB 2007
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=> s granules
L1   241727 GRANULES

=> s plant with subtance
L2   2 PLANT WITH SUBTANCE

=> s plant with substance
L3   2939 PLANT WITH SUBSTANCE

=> s l1 with l3
MISSING OPERATOR L1 WITH
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nested terms that are not separated by a logical operator.

=> s l1 and l3
L4   10 L1 AND L3

=> d ibib abs 1-10

L4   ANSWER 1 OF 10   BIOSIS   COPYRIGHT (c) 2007 The Thomson Corporation   on STN
ACCESSION NUMBER: 1985:355707 BIOSIS
DOCUMENT NUMBER: PREV198580025699; BA80:25699
TITLE: CARBOHYDRATE RESERVES AND PLANT GROWTH
                      SUBSTANCE SENSITIVITY IN PLASTIDS STOMATA AND
                      STATOCYTES DURING SHOOT DEVELOPMENT.
AUTHOR(S):   WELLBURN F A M [Reprint author]; GOUNARIS I; WELLBURN A R
CORPORATE SOURCE: DEP BIOL SCI, UNIV LANCASTER, BAILRIGG, LANCASTER LA1 4YQ,
                      UK
SOURCE: Israel Journal of Botany, (1984) Vol. 33, No. 2-4, pp.
                      237-252.
                      CODEN: IJBOAU. ISSN: 0021-213X.
DOCUMENT TYPE: Article
FILE SEGMENT: BA
LANGUAGE: ENGLISH
AB   Starch grains are extremely rare in the plastids of dark-grown and

CORPORATE SOURCE: Dep. Biol. Sci., Univ. Lancaster, Bailrigg/Lancaster, LA1 4YQ, UK
SOURCE: Israel Journal of Botany (1984), 33(2-4), 237-52
CODEN: IJBOAU; ISSN: 0021-213X
DOCUMENT TYPE: Journal
LANGUAGE: English

AB   Starch grains are extremely rare in the plastids of dark-grown and greening cereals. Only plastids from very young dark-grown tissues (3-5 days from germination) or those cells which ultimately have a specialized function, such as statocytes, have prominent starch granules. Developing stomata are formed by dividing subepidermal cells which subsequently push into the epidermal layers. The plastids of such guard cells retain starch granules throughout this process. Studies using light-grown barley seedlings as a linear developmental model have shown that in a region close to the intercalary meristem above the earliest proplastids (which contain no starch grains) there is a distinctive amyloplast region which equally rapidly gives rise to a region above with starchless amoeboid plastids. Determination of patterns of carbohydrate content in light-grown, dark-grown, and green cereal seedlings confirm that rapid starch accumulation and disappearance is an obligatory phase in the development of plastids in the light or in young, but not old, illuminated dark-grown tissue. In a preliminary study involving the use of various bioassays for plant growth regulator substances, regions in light-grown plants which rapidly form and mobilize starch grains have much higher contents of gibberellins and IAA than most other regions although the levels of abscisic acid are unchanged. Thus, a complex, tissue-specific sequence of carbohydrate changes is involved in shoot development, only part of this synchronization is achieved with plant growth regulators. The sensitivity of such cells to growth substances changes as they mature.

L4   ANSWER 10 OF 10   CAPLUS   COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1967:463403   CAPLUS
DOCUMENT NUMBER: 67:63403
TITLE: Porous fertilizer granules
INVENTOR(S): Budan, Gerhard
PATENT ASSIGNEE(S): Wintershall A.-G., Celle
SOURCE: Ger., 3 pp.
CODEN: DEXXA9
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1241467		19670601	DE 1963-W35015	19630802

AB   Plant nutrient substances with 8-14% water were mixed with a frothing agent, e.g. sulfite waste liquor (0.1-2% dry weight basis). This mixture was vigorously stirred for .apprx.1-4 min. to obtain a foamy, doughlike substance, which was pressed under low pressure into strings. The strings were cut and dried to form the fertilizer granules.

=> d his

    (FILE 'HOME' ENTERED AT 11:42:17 ON 21 FEB 2007)

    FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, SCISEARCH' ENTERED AT 11:43:03 ON 21 FEB 2007
L1   241727 S GRANULES
L2   2 S PLANT WITH SUBTANCE
L3   2939 S PLANT WITH SUBSTANCE
L4   10 S L1 AND L3

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COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)         SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                -7.02         -7.02

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